

| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <small>(Use several sheets if necessary)</small> | | | | ATTY. DOCKET NO. 0171-1100PUS1 | APPLICATION NO. NEW | | | |
|---|---|------|------------|-------------------------------------|------------------------|-----------|----------------------------|----|
| | | | | APPLICANT Takeru WATANABE et al. | | | | |
| | | | | FILING DATE May 20, 2004 | GROUP | | | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | KIND | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE | |
| J | US 5,691,100 | A | 1997-11-25 | Kudo et al. | | | | |
| | US 5,525,453 | A | 1996-06-11 | Przybilla et al. | | | | |
| | US 5,843,319 | A | 1998-12-01 | Przybilla et al. | | | | |
| | US 5,612,169 | A | 1997-03-18 | Eichhorn et al. | | | | |
| | US 5,442,087 | A | 1995-08-15 | Eichhorn et al. | | | | |
| | US 5,529,886 | A | 1996-06-25 | Eichhorn et al. | | | | |
| | US 6,703,181 | A | 2004-03-09 | Hayashi et al. | | | | |
| | US 5,658,706 | A | 1997-08-19 | Niki et al. | | | | |
| | US 5,744,281 | A | 1998-04-28 | Niki et al. | | | | |
| | US 6,004,724 | A | 1999-12-21 | Yamato et al. | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| Office | DOCUMENT NUMBER | Kind | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
| | | | | | | | YES | NO |
| JP | 2-27660 | B2 | 1990-06-19 | JAPAN | | | ABS | |
| JP | 63-27829 | A | 1988-02-05 | JAPAN | | | ABS | |
| JP | 5-232706 | A | 1993-09-10 | JAPAN | | | ABS | |
| JP | 5-249683 | A | 1993-09-28 | JAPAN | | | ABS | |
| JP | 5-158239 | A | 1993-06-25 | JAPAN | | | ABS | |
| JP | 5-249662 | A | 1993-09-28 | JAPAN | | | ABS | |
| JP | 5-257282 | A | 1993-10-08 | JAPAN | | | ABS | |
| JP | 5-289322 | A | 1993-11-05 | JAPAN | | | ABS | |
| JP | 5-289340 | A | 1993-11-05 | JAPAN | | | ABS | |
| OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.) | | | | | | | | |
| J | HINSBERG et al., "Fundamental studies of airborne chemical contamination of chemically amplified resists", Journal of Photopolymer Science and Technology, Vol. 6, No. 4, 1993, 535-546. | | | | | | | |
| | KUMADA et al., "Study on over-top coating of positive chemical amplification resists for KrF excimer laser lithography", Journal of Photopolymer Science and Technology, Vol. 6, No. 4, 1993, 571-574. | | | | | | | |
| | HATAKEYAMA et al., "Investigation of discrimination enhancement with new modeling for poly-hydroxystyrene positive resists", Journal of Photopolymer Science and Technology, Vol. 13, No. 4, 2000, 519-524. | | | | | | | |
| EXAMINER | J-C | | | DATE CONSIDERED 9/20/05 | | | | |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | |

| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) | | | | ATTY. DOCKET NO. 0171-1100PUS1 | | APPLICATION NO. NEW | |
|---|-----------------|------|------------|--|-------|-------------------------------|----------------------------|
| | | | | APPLICANT Takeru WATANABE et al. | | | |
| | | | | FILING DATE May 20, 2004 | | GROUP | |
| | | | | U.S. PATENT DOCUMENTS | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | KIND | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
| <i>JM</i> | US 6,261,738 | B1 | 2001-07-17 | Asakura et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| Office | DOCUMENT NUMBER | Kind | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION |
| | | | | | | | YES |
| JP | 6-194834 | A | 1994-07-15 | JAPAN | | | ABS |
| JP | 6-242605 | A | 1994-09-02 | JAPAN | | | ABS |
| JP | 6-242606 | A | 1994-09-02 | JAPAN | | | ABS |
| JP | 6-263716 | A | 1994-09-20 | JAPAN | | | ABS |
| JP | 6-263717 | A | 1994-09-20 | JAPAN | | | ABS |
| JP | 6-266100 | A | 1994-09-22 | JAPAN | | | ABS |
| JP | 6-266111 | A | 1994-09-22 | JAPAN | | | ABS |
| JP | 7-128859 | A | 1995-05-19 | JAPAN | | | ABS |
| JP | 7-92678 | A | 1995-04-07 | JAPAN | | | ABS |
| JP | 7-92680 | A | 1995-04-07 | JAPAN | | | ABS |
| JP | 7-92681 | A | 1995-04-07 | JAPAN | | | ABS |
| JP | 7-120929 | A | 1995-05-12 | JAPAN | | | ABS |
| JP | 7-134419 | A | 1995-05-23 | JAPAN | | | ABS |
| JP | 2000-314956 | A | 2000-11-14 | JAPAN | | | ABS |
| JP | 9-95479 | A | 1997-04-08 | JAPAN | | | ABS |
| JP | 9-230588 | A | 1997-09-05 | JAPAN | | | ABS |
| V | JP 9-208554 | A | 1997-08-12 | JAPAN | | | ABS |
| EXAMINER <i>JM</i> | | | | DATE CONSIDERED <i>9/2005</i> | | | |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.B.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

0171-1100PUS1

GMM/nl